 (10/9/03)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0033-0905P	NEW
APPLICANT: HAMAMURA, Hiroyasu et al	
FILING DATE: October 9, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
fyp	JP	2000-236376	A	2000-08-29	JAPAN	—	—	ABS	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
[signature]	12/4/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CG/smt

PTO/SB/08A/B (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/681,277-Conf. #5977
Filing Date	October 9, 2003
First Named Inventor	Hiroyasu HAMAMURA
Art Unit	2618
Examiner Name	S. D. Phu
Attorney Docket Number	0033-0905P

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SP	AA*	US-6,782,281	08-24-2004	Nagasawa et al.	
	AB*	US-6,748,243	06-08-2004	Kubo et al.	
	AC*	US-6,944,481	09-13-2005	Hama et al.	
	AD*	US-6,889,043	05-03-2005	Okazaki et al.	
	AE*	US-6,539,243	03-25-2003	Kimura et al.	
	AF*	US-6,907,276	06-14-2005	Toba et al.	
SP	AG*	US-5,719,799	02-17-1998	Isashi et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
SP	BA	JP-2002-271461	09-20-2002	Sanyo Electric Co et al.		
	BB	JP-08-022343	01-23-1996	Olympus Optical Co		
	BC	JP-2001-313695	11-09-2001	Sony Corp		
	BD	JP-2000-115345	04-21-2000	Nec Saitama Ltd		
	BE	JP-2002-204298	07-19-2002	Kyocera Corp		
	BF	JP-2002-101160-A	04-05-2002	Sanyo Electric Co		
	BG	JP-2001-136251	05-18-2001	Matsushita Electric Ind Co Ltd		
	BH	JP-11-215217	08-06-1999	Tokyo Shibaura Electric Co		
	BI	JP-2001-136250-A	05-18-2001	Matsushita Electric Ind Co Ltd		
	BJ	JP-2001-053875	02-23-2001	Nec Saitama Ltd		
SP	BK	JP-2002-281130	09-27-2002	Nec Saitama Ltd		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible [6] Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
SP	CA	NTT DoCoMo Catalogue "SH251i", NTT DoCoMo Kyushu, Inc., May, 2002, pp1-3	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	12/26/06

O I P E JC25
AUG 25 2005
PATENT & TRADEMARK OFFICE

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/681,277-Conf. #005977
Filing Date	October 9, 2003
First Named Inventor	Hiroyasu HAMAMURA
Art Unit	2681
Examiner Name	Not Yet Assigned
Attorney Docket Number	0033-0905P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
GJ	BA	JP-3209150	09-17-2001			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	12/04/06

Birch, Stewart, Kolasch & Birch, LLP

CG/STW/hfj

OIPE JC185 SEP 0 2 2004 PATENT & TRADEMARK OFFICE

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0033-0905P	10/681,277
APPLICANT: HAMAMURA, et al.	
FILING DATE: October 9, 2003	GROUP: 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 2002/0142810	A1	2002-10-03	KAWASAKI, et al.	—	—	
	US 2002/0031262	A1	2002-03-14	IMAGAWA, et al.	—	—	
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	EP	1211869	A1	2002-06-05	EUROPE	—	—		X
	EP	1379062	A2	2004-01-07	EUROPE	—	—	X	
	EP	0954150	A2	1999-11-03	EUROPE	—	—	X	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
	12/04/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CG/STW/lab

OIPE JC2 NOV 2 9 2004 PATENT & TRADEMARK OFFICE

 (11/29/04)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0033-0905P	10/681,277
APPLICANT: HAMAMURA, et al.	
FILING DATE: October 9, 2003	GROUP: 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GP	US 2002/0039914	A1	2002-04-04	HAMA et al	—	—	
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
GP	EP	1 244 275	A1	2002-09-25	EPO	—	—	ABS	
	JP	6 292195	A	1994-10-18	JP	—	—	ABS	
	GB	2 347 051	A	2000-08-23	GB	—	—	ABS	
	EP	0 891 050	A1	1999-01-13	EPO	—	—	ABS	
GP	EP	0 534 478	A2	1993-03-31	EPO	—	—	ABS	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
[signature]	12/4/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE JC17A
FEB 28 2005
PATENT & TRADEMARK OFFICE

 (2/28/05)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0033-0905P	10/681,277
APPLICANT: HAMAMURA, et al.	
FILING DATE: October 9, 2003	GROUP: 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
Sp	CN	1324169	A	2001-11-28	CHINA	—	—		X

OTHER DOCUMENTS (Includs Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
[signature]	12/04/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CG/STW/lab